

Appl. No.: 10/065,670
Response dated Jul. 02, 2004
Response to Office Action mailed Mar. 02, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Currently Amended). A golf ball comprising:

a core having a diameter of 1.35 inches to 1.60 inches, the core comprising polybutadiene, zinc oxide in an amount of 7 to 15 parts per hundred parts of polybutadiene, zinc diacrylate in an amount of 20 to 35 parts per hundred parts of polybutadiene; an initiator in an amount of 0.1 to 1.0 parts per hundred parts of polybutadiene, and tungsten in an amount of 5 to 10 parts per hundred parts of polybutadiene, the core having a Rhiele PGA compression of 55-80 ~~60 to 90~~ points and wherein the zinc diacrylate has a particle size ranging from 3 to 5 microns;

an intermediate layer disposed on the core, the intermediate layer comprising an ionomer blend formed from a high acid ionomer resin neutralized with zinc, a high acid ionomer resin neutralized with sodium, and a terpolymer neutralized with magnesium, the cover having a flexural modulus ranging from 50,000 psi to 65,000 psi, a Shore D hardness ranging from 57-65;

a cover disposed on the intermediate layer, the cover composed of a thermosetting polyurethane material and having a thickness ranging from 0.020 inch to 0.045 inch.

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2 (Currently Amended). A golf ball comprising:

a core having a diameter of 1.35 inches to 1.60 inches, the core comprising polybutadiene, zinc oxide in an amount of 7 to 15 parts per hundred parts of polybutadiene, zinc diacrylate in an amount of 20 to 35 parts per hundred parts of polybutadiene; an initiator in an amount of 0.1 to 1.0 parts per hundred parts of polybutadiene, and tungsten in an amount of 5 to 10 parts per hundred parts of polybutadiene, the core having a Rhiele PGA compression of 55 to 80 ~~60 to 90~~ points and wherein the zinc diacrylate has a particle size ranging from 3 to 5 microns;

a cover disposed on the core, the cover comprising an ionomer blend formed from a high acid ionomer resin neutralized with zinc, a high acid ionomer resin neutralized with sodium, and a terpolymer neutralized with magnesium, the cover having a flexural modulus ranging from 50,000 psi to 65,000 psi, a Shore D hardness ranging from 57-65;

3 (Canceled).